

PROJECT SNAPSHOT

Providing Opportunities for Workforce development and Energy Readiness in North Carolina (**powerNC**) is the result of a collaborative partnership between NCDOT, STEPs4GROWTH, and the North Carolina Community College System to install 20 new EV charging stations at 10 community colleges across the State. This new infrastructure will equitably expand community-based EV charging, while also supporting high-quality workforce development programs, and reducing GHG emissions that contribute to climate change.

"PowerNC is a unique opportunity to equitably expand community-based EV charging across NC, while supporting high-quality workforce development programs that will prepare the state's workforce for the clean energy jobs of tomorrow."

*-J. Eric Boyette,
NCDOT Secretary*



Unique Entity Identifier Number:

XSN8A4TT1DY5

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Application Materials:

<https://connect.ncdot.gov/resources/CFI2023-powerNC/Pages/default.aspx>



Participating CCs:

Blue Ridge CC

Central Carolina CC

Edgecombe CC

Fayetteville Technical CC

Gaston College

Martin CC

Nash CC

Randolph CC

Roanoke-Chowan CC

Wake Technical CC

 Community College Service Area

powerNC Benefits



Safety: Promotes safety for all users through design elements like signage, crosswalk visibility enhancements, lighting, speed restrictions, and accessibility features for disabled users.



Climate Change, Resilience & Sustainability: Reduces transportation-related GHG emissions by 91.1 short tons annually to mitigate climate change and addresses environmental justice by increasing access to EV charging stations for disadvantaged and underserved populations.



Equity, Community Engagement, & Justice40: Creates meaningful impacts and reduces transportation-related disparities by increasing affordable transportation options, improving mobility, and addressing unique rural challenges in the deployment of new EV charging stations and workforce development programs.



Workforce Development, Job Quality, & Wealth Creation: Increases job quality and creates wealth through high-quality workforce development programs while building awareness of clean vehicle job opportunities through robust community engagement.



CFI Program Vision: Equitably expands publicly accessible EV charging stations in both rural and urban settings, while supporting the development of multimodal hubs and needs of electric fleet vehicles.

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Tier 1
Economically
Distressed
Counties

153

Justice40
Disadvantaged
Communities
within 5 miles

140

Historically
Disadvantaged
Communities
within 5 miles

Please see **Project Location** for definitions.

Project Budget & Funding

Non-Federal Match (State Funds):
\$251,745

CFI Funding Request:
\$1,006,980



Total Project Cost: \$1,258,725

Project Readiness & Environmental Risk

NCDOT will apply its experience in completing Federal discretionary grant projects and executing the State's EV Infrastructure Deployment Plan to reduce risk and accelerate deployment of EV charging stations across NC in calendar years 2024, 2025, and 2026.